

A Quick Look at Using the Meningococcal Vaccines....

Meningococcal Conjugate Vaccine (MCV4)

Meningococcal Polysaccharide Vaccine (MPSV4)

Meningococcal Vaccines	MCV4 (conjugate)	MPSV4 (polysaccharide)
Brand Name	Menactra™	Menomune®
Serotypes included	A, C, Y, W-135 (no serogroup B)	A, C, Y, W-135 (no serogroup B)
Age for Use	2-55 years	2 yrs and older
Schedule	One dose (no revaccination)	One dose -- may need revaccination in 3 yrs
Route of Administration	IM (Intramuscular)	SC (Subcutaneous)

Who Should Get Meningococcal Vaccines?

- All adolescents 11 through 18 years of age
- Persons (2 years and older) at high risk who:
 - Are college freshman, living in dormitories
 - Have functional or anatomic asplenia
 - Have HIV
 - Have terminal complement component deficiency
 - Are traveling to, or residents of countries where meningococcal disease is common, such as parts of Africa
 - Might have been exposed to meningitis during an outbreak (except serogroup B outbreaks--not in the vaccine)
 - Are military recruits
 - Are lab personnel working with these organisms

Vaccine for Children (VFC) Program

Publicly purchased MCV4 can be administered to eligible children, 2 thru 18 yrs of age, through the Vaccines for Children (VFC) Program in private providers' offices. Contact your local health department for more information.

Points to Consider

- Use **MCV4** for:
 - Routine vaccination of adolescents 11-18 years
 - Persons 2 through 55 years of age with high-risk conditions
- MCV4 is expected to give better, longer-lasting protection
- Do NOT use MCV4 for persons with a history of Guillian-Barré syndrome
- Use **MPSV4** for persons
 - 56 years of age and older
 - 2-55 years of age if MCV4 is not available
 - With a history of Guillian-Barré syndrome
- Revaccination:
 - **MCV4**: No current recommendation for revaccination after one dose
 - **MPSV4**: Revaccinate persons who remain at high risk for disease 3 yrs after receiving MPSV4. **MCV4** is preferred for those 2-55 yrs of age.
- Use "Michigan" Vaccine Information Statement (VIS) Meningococcal Vaccines
 - Use the same VIS used for **MCV4** and MPSV4
 - Available at www.michigan.gov/immunize or from local health departments

Administration Tips/ Storage and Handling

- **MCV4**:
 - Given intramuscular—**IM** only
 - Causes a local reaction like Td/Tdap- give Td/Tdap & **MCV4** in different sites
 - Comes in a single-dose vial, ready to draw into a syringe
- **MPSV4**:
 - Given subcutaneous—**SC** only
 - Must be reconstituted; use the diluent provided by the manufacturer
 - Administer all of the reconstituted vaccine
- **MCV4** or MPSV4 can be given simultaneously with other vaccines
- **MCV4** and MPSV4 are stored in refrigerator at 35°-46° F (2°-8° C)

Documentation

- Document by type of vaccine (**MCV4** or **MPSV4**) on the:
 - Vaccine administration record in the patient's chart
 - Michigan immunization record card (green or individual)
- Document in MCIR:
 - **MCV4** as "meningococcal conjugate" (CPT 90734)
 - **MPSV4** as "meningococcal polysaccharide" (CPT 90733)